



Product Bulletin:

Cisco MDS 9148

Revision History

13 May 2010 – Initial version

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This product bulletin informs NetApp sales and NetApp partners about new or changed NetApp® products or services.

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1. Summary

This product bulletin announces the availability of the 48-port Cisco MDS 9148 8Gbps Fibre Channel switch.

The Cisco MDS 9148 is a high-performance, flexible one-rack-unit (1RU) platform providing the highest 8Gbps FC port density in the industry. It is offered in three configurations, which easily scale with 8-port Port-on-Demand (POD) licenses:

- 16 ports activated with growth potential for an additional 32 ports (no SFPs included)
- 32 ports activated with growth potential for an additional 16 ports (no SFPs included)
- 48 ports activated (no SFPs included)

The Cisco MDS 9148 will be sold with Cisco SMARTnet service contracts of 12 months to 60 months duration.

2. What's New?

The Cisco MDS 9148 marks Cisco's entry into the 8Gbps fixed port Fibre Channel market. The MDS 9148 supports line-rate performance with 8Gbps bandwidth dedicated to each of the 48 ports, all in a compact 1RU form factor chassis, making it an ideal top-of-rack or edge switch in an enterprise SAN. The Cisco MDS 9148 supports a pay-as-you-grow scenario and can easily scale from 16 to 48 ports via additional 8-

port POD licenses. The switch shares common NX-OS software and features with all other Cisco MDS 9000 and Cisco Nexus families of switches and directors.

3. Sales Tools (Sales Guides, Training Presentations, SE Presentations)

- [NetApp FCoE SAN Overview](#)
- [NetApp Ethernet Storage Overview](#)
- [NetApp SalesEdge FC and FCoE Switches and Directors](#)
- [NetApp Partner SAN](#)

4. Customer-Ready Tools (Customer Presentations, Datasheets)

- [NetApp SalesEdge FC and FCoE Switches and Directors](#)
- [NetApp Partner SAN](#)

5. System Requirements

Interoperability

For NetApp® FC storage system configurations that are supported by NetApp, refer to the NetApp Interoperability Matrix.

6. Product Information



- The Cisco MDS 9148 is sold in three configurations: 16, 32, and 48 ports activated with 8-port POD licenses for growth.
- The Cisco MDS 9148 is sold with Cisco SMARTnet service contracts of 12 to 60 months duration.
- The Cisco MDS 9148 16/32/48 port configurations do not include SFPs; they must be purchased separately.. The 48 ports are auto-sensing, capable of supporting speeds of 2, 4, or 8 Gbps.
- The Cisco MDS 9148 requires the NX-OS 5.0(1a) software release.

Cisco MDS 9148 Equipment and Part Numbers

Part Number	Description	Discount Category
X-DS-C9148-16P-K9-R5-C	Switch,Cisco MDS 9148 16-Port,-C	C
X-DS-C9148-32P-K9-R5-C	Switch,Cisco MDS 9148 32-Port,-C	C
X-DS-C9148-48P-K9-R5-C	Switch,Cisco MDS 9148 48-Port,-C	C
SW-M9148PL8-8G-R5	Software,Cisco 9148 8-Port Upgrade License	C
X-DS-48C-300AC-R5	Power Supply,Cisco MDS 9148 300W AC	C
X-DS-C48-FAN-R5	Fan,Cisco MDS 9148 Switch	C

Service Options

NetApp requires Cisco SMARTnet support for the Cisco MDS 9148. There is only one SMARTnet service contract for the MDS 9148, regardless of number of ports activated. No separate service contract is required for the 8-port POD license.

To check for Cisco service availability by city or country, use this tool:

1. Go to Cisco SAM (service availability) at <http://tools.cisco.com/apidc/sam/search.do>.
2. Enter user ID "NetApp," password "cisco123."
3. Choose Product Family: Cisco MDS 9000 Series.
4. From the Product drop-down list, choose switch model DS-C9148-16P-K9, DS-C9148-32P-K9, or DS-C9148-48P-K9.
5. Click Find Service Availability.

Part Number	Description	Discount Category
SVCVN-CON-OS-C48	Service,Cisco 9148 Onsite 8x5xNBD	C
SVCVN-CON-OSE-C48	Service,Cisco 9148 Onsite 8x5x4hr	C
SVCVN-CON-OSP-C48	Service,Cisco 9148 Onsite 24x7x4hr	C
SVCVN-CON-PREM-C48	Service,Cisco 9148 Onsite 24x7x2hr	C
SVCVN-CON-S2P-C48	Service,Cisco 9148 Part 24x7x2hr	C
SVCVN-CON-SNT-C48	Service,Cisco 9148 Part 8x5xNBD	C
SVCVN-CON-SNTE-C48	Service,Cisco 9148 Part 8x5x4hr	C
SVCVN-CON-SNTP-C48	Service,Cisco 9148 Part 24x7x4hr	C

7. Regulatory Compliance

The Cisco MDS 9148 meets all defined NetApp EMI and RoHS compliance requirements.

8. Warranty and Service

The Cisco MDS 9148 has a 1-year limited hardware warranty. The warranty includes hardware replacement with a 10-day turnaround from Cisco on receipt of a return materials authorization (RMA). Each purchase of

a Cisco MDS 9148 also requires a SMARTnet service contract. For additional support options, see Support Options, above.

Contact Information: Please contact your NetApp sales or channel partner representative with questions about this bulletin.

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495 E. Java Drive, Sunnyvale, CA 94089 USA